

American LegalNet, Inc.
www.FormsWorkflow.com

Substitute for form 1449B/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/705.915
--------------------	------------

Filing Date	November 13, 2003
-------------	-------------------

First Named Inventor	Hye Jeong Jeon
----------------------	----------------

Art Unit	2176
----------	------

Examiner Name	7327
---------------	------

Attorney Docket Number	24286/81451
------------------------	-------------

Sheet	2
-------	---

of

2

[illegible]

**Examiner
Signature**

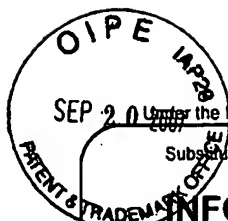
/James Debrow/.

Date
Considered

12/21/2007

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

1

of

2

Complete if Known

Application Number	10/705,915
Filing Date	November 13, 2003
First Named Inventor	Hye Jeong Jeon
Art Unit	2176
Examiner Name	James J. Debrow
Attorney Docket Number	24286/81451

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/J.D./		us- 5,892,900 A	04-06-1999	Ginter et al.	
		us- 6,185,329 B1	02-06-2001	Zhang et al.	
		us- 6,473,794 B1	10-29-2002	Guheen et al.	
		us- 6,675,267 B2	01-06-2004	Rovati	
		us- 6,760,746 B1	07-06-2004	Schneider	
		us- 6,847,977 B2	01-25-2005	Abajian	
		us- 6,873,693 B1	03-29-2005	Langseth et al.	
		us- 6,877,002 B2	04-05-2005	Prince	
/J.D./		us- 6,941,300 B2	09-06-2005	Jensen-Grey	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	3*
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				
/J.D./		EP0384184A2	08-29-1990	Hesse, Eric Michael		
		WO97/29591	08-14-1997	Berger, Michael J. et al.		
		JP9305622	11-28-1997	Hara Norihiro et al.		
		KR 1020020058639 A (Abstract)	07-12-2002	Geon Hoe Cha et al.		
/J.D./		WO2001/052117	07-19-2001	King, Craig et al.		

Examiner
Signature

/James Debrow/

Date
Considered

12/21/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

American LegalNet, Inc.
www.FormsWorkflow.com

Under the Paperwork Reduction Act of 1995 no Persons are required to respond to a collection of information unless it contains a valid OMR control number.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number	10/705,915
Filing Date	November 13, 2003
First Named Inventor	Hye Jeong Jeon et al.
Art Unit	2176
Examiner Name	James J. Debrow
Attorney Docket Number	24286/81451

Sheet

2

of

2

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/J.D./		J. Robie, "Combining and Querying XML Data with SQL," December 1999, pages 1-14, from internet: http://www.infloom.com/qcconfs/WEB/philadelphia99/robie.HTM	
/J.D./		Chinese Office Action for Chinese Application No. 03819565.8(PCT/KR2003/001705), dated June 22, 2007, 22 pages.	
/J.D./		Canadian Office Action for Canadian Application No. 2,506,060, dated June 6, 2007, 1 page.	

Examiner
Signature

/James Debrow/

Date
Considered

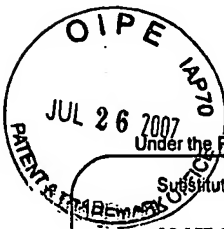
12/21/2007

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number 10/705,915

Filing Date November 13, 2003

First Named Inventor Hye Jeong Jeon

Art Unit 2176

Examiner Name Heather R. Herndon *James Debrow*

Attorney Docket Number 24286/81451

Sheet

1

of

2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/J.D./		us- 2003/0197733 A1	10-23-2003	Beauchamp et al.	
/J.D./		us- 6,330,569	12-11-2001	Baisley et al.	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	* ⁶
		Country Code ³ "Number" ⁴ Kind Code ⁵ (if known)				
/J.D./		WO 02/073393 A1	09-19-2002	N2 Broadband, Inc.		

Examiner
Signature

/James Debrow/

Date
Considered

12/21/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

American LegalNet, Inc.
www.FormsWorkflow.com

Substitute for form 1449B/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/705,915
--------------------	------------

Filing Date	November 13, 2003
-------------	-------------------

First Named Inventor	Hye Jeong Jeon
----------------------	----------------

Art Unit	2176
----------	------

Examiner Name	7327
---------------	------

Sheet	2
-------	---

of

2

Attorney Docket Number	24286/81451
------------------------	-------------

[illegible]

**Examiner
Signature**

/James Debrow/

Date
Considered

12/21/2007

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.